Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020755.D
Acq On : 06 Jun 2019 02:30
Operator : HP/JU
Sample : K3183-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TP-3

Quant Time: Jun 06 03:56:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 293168 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.61 | 136 | 1141284 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.46 | 164 | 592092 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.20 | 188 | 1227975 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.37 | 240 | 1185487 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 23.66 | 264 | 1439562 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 1717761 | 103.07 | ng | -0.01 |
| 7) Phenol-d6 | 6.98 | 99 | 2339258 | 95.32 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 8.98 | 82 | 1428098 | 64.83 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.95 | 330 | 742128 | 101.16 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.08 | 172 | 2944281 | 66.11 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.82 | 244 | 3514510 | 49.59 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.98 | 77 | 6769 | Below Cal | # | 13 |
| 50) Dimethylphthalate | 13.92 | 163 | 479469 | 9.478 | ng | 100 |
| 71) Phenanthrene | 17.25 | 178 | 285584 | 4.103 | ng | 99 |
| 75) Fluoranthene | 19.26 | 202 | 464934 | 6.006 | ng | 99 |
| 78) Pyrene | 19.62 | 202 | 409560 | 4.502 | ng | 99 |
| 81) Benzo(a)anthracene | 21.36 | 228 | 251337 | 3.044 | ng | 99 |
| 83) Chrysene | 21.41 | 228 | 206261 | 2.628 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.97 | 252 | 269627 | 2.834 | ng | 95 |
| 89) Benzo(k)fluoranthene | 22.97 | 252 | 267464 | 2.877 | ng | 95 |
| 90) Benzo(a)pyrene | 23.56 | 252 | 191949 | 2.224 | ng | 99 |

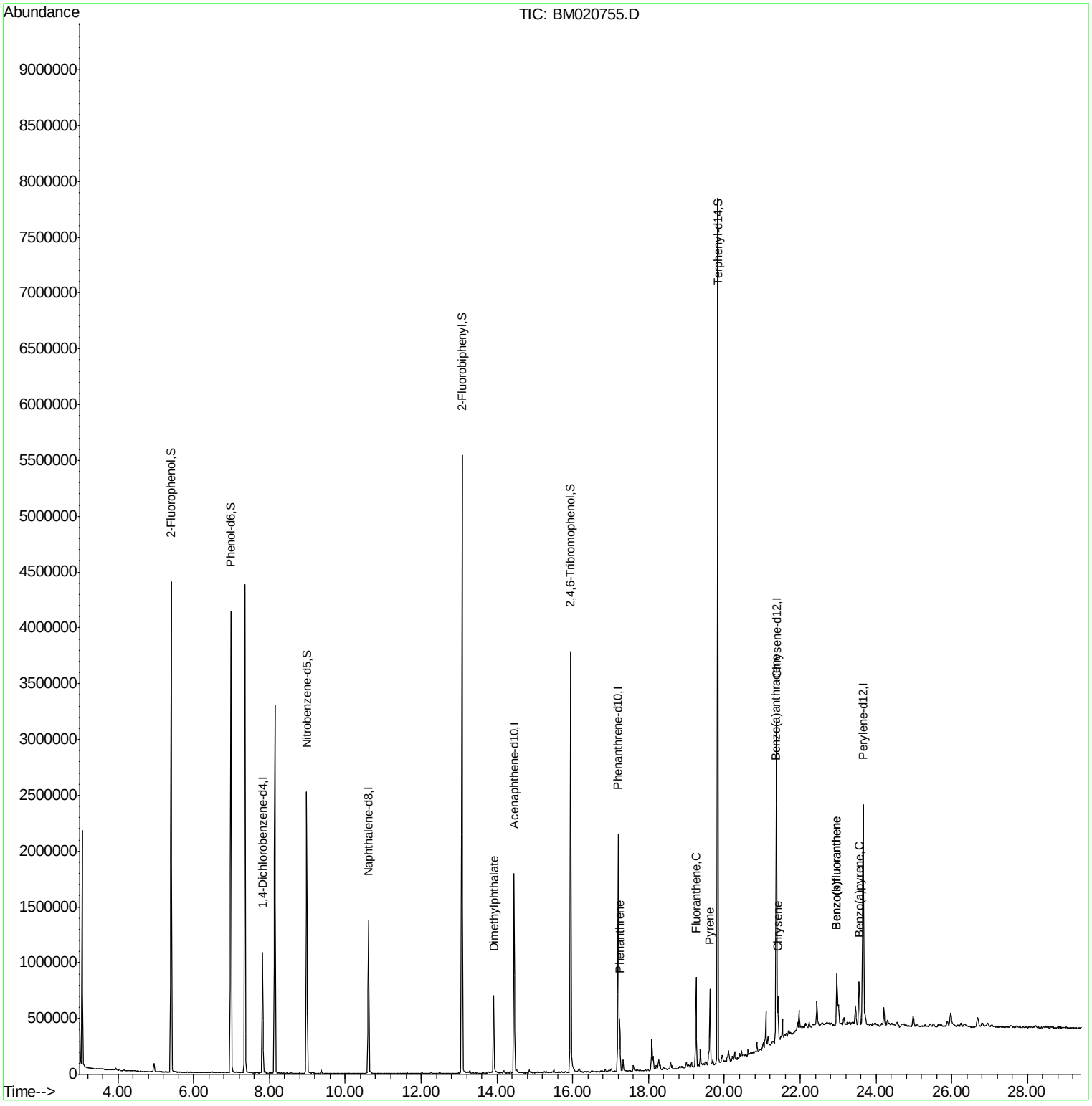
(#) = qualifier out of range (m) = manual integration (+) = signals summed

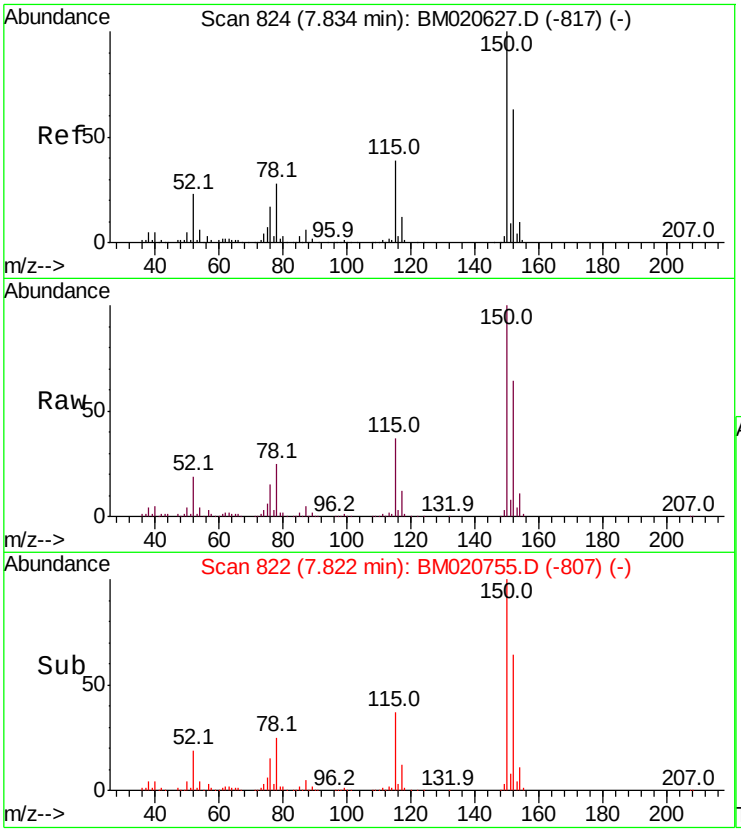
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020755.D
Acq On : 06 Jun 2019 02:30
Operator : HP/JU
Sample : K3183-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Quant Time: Jun 06 03:56:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration



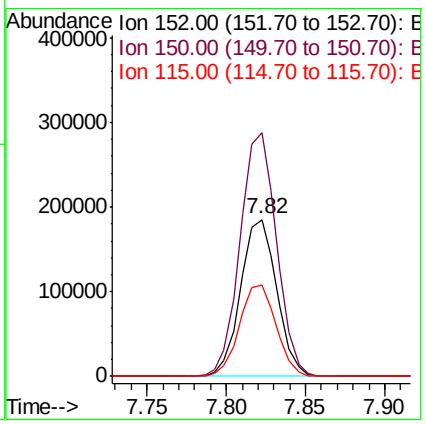


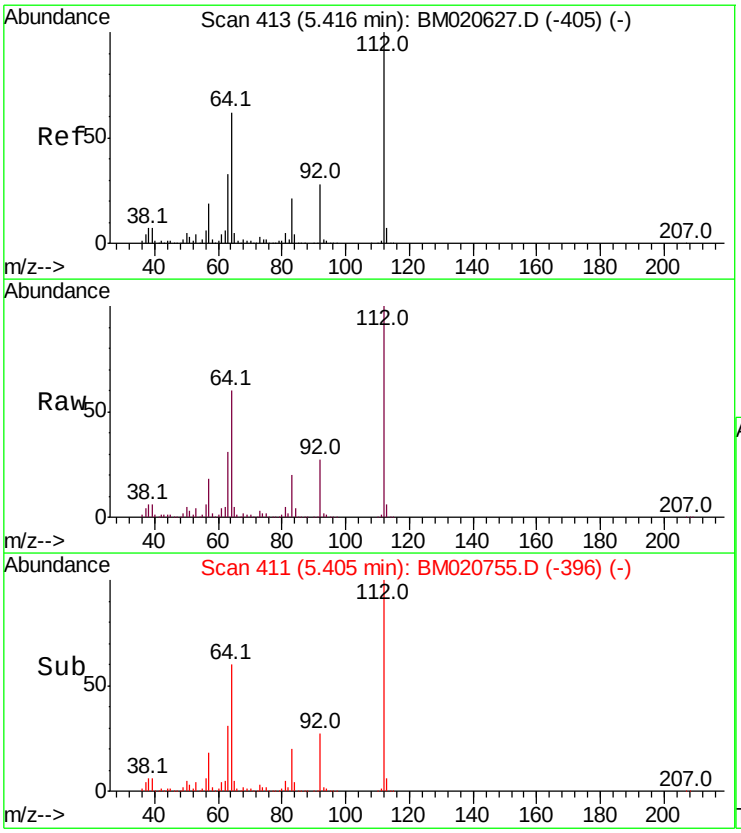

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Tgt Ion:152 Resp: 293168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.2 | 126.0 | 189.0 |
| 115 | 58.1 | 49.6 | 74.4 |

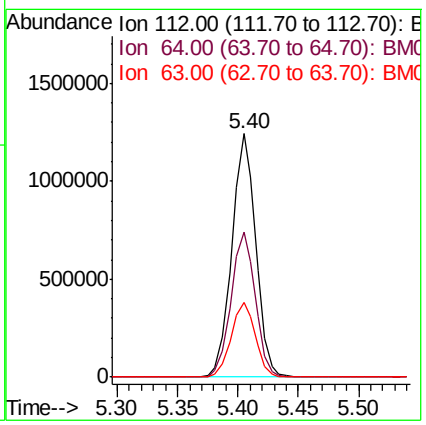


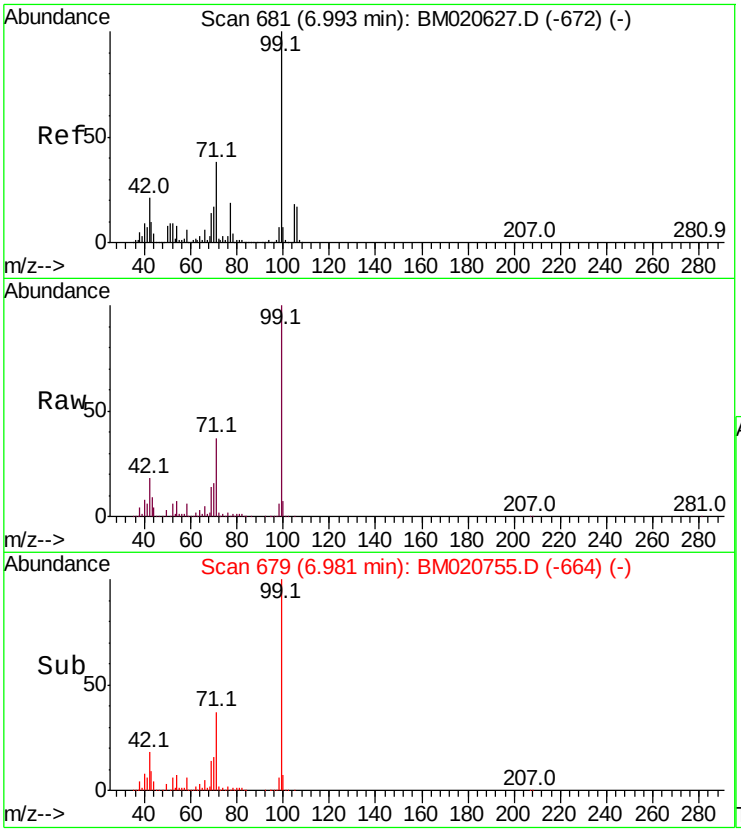




#5
2-Fluorophenol
Concen: 103.069 ng
RT: 5.40 min Scan# 411
Delta R.T. -0.01 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:112 Resp: 1717761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.5 | 49.7 | 74.5 |
| 63 | 30.8 | 26.4 | 39.6 |



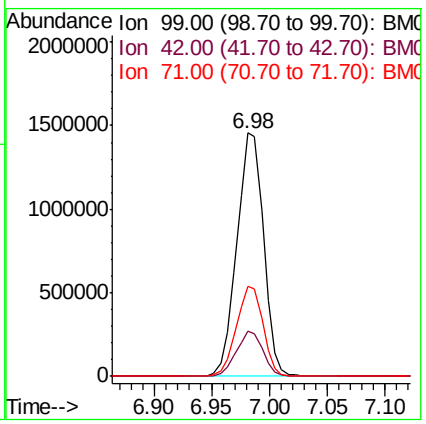


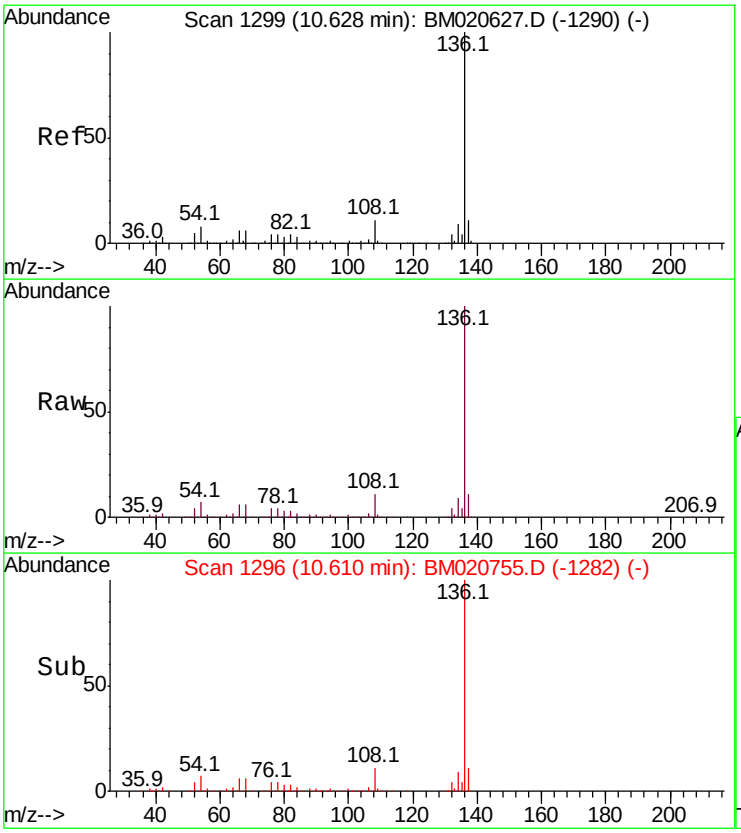

#7
Phenol-d6
Concen: 95.323 ng
RT: 6.98 min Scan# 679
Delta R.T. -0.01 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Tgt Ion: 99 Resp: 2339258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.5 | 16.5 | 24.7 |
| 71 | 37.0 | 30.7 | 46.1 |

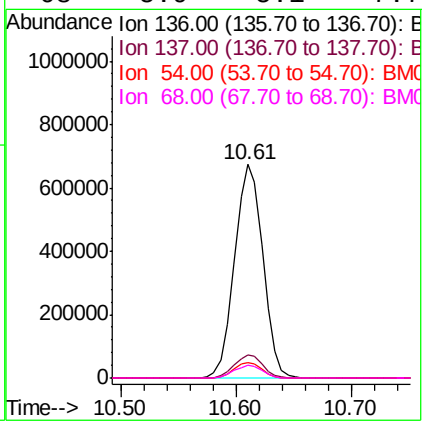


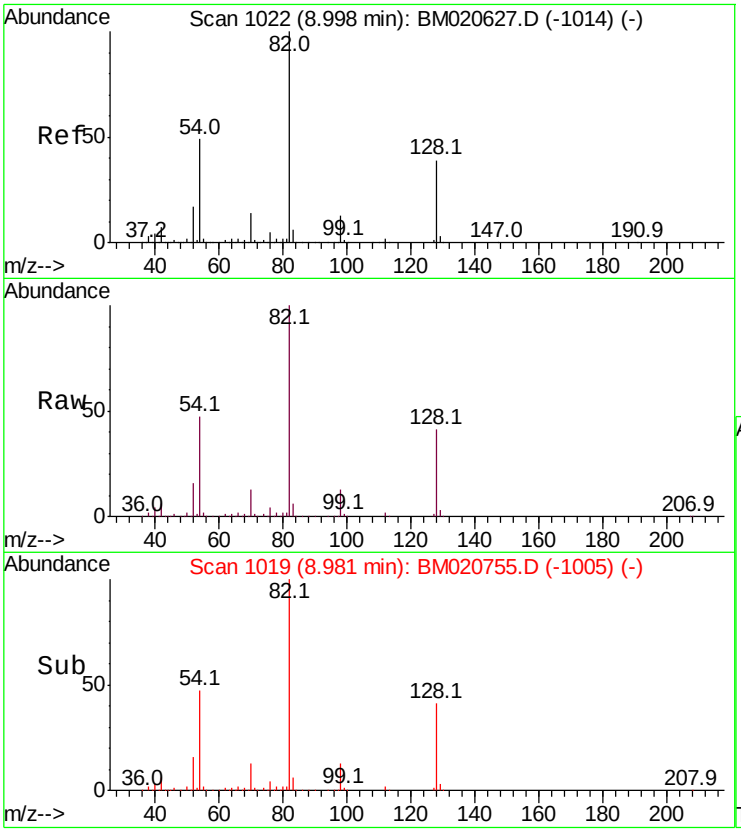




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:136 Resp: 1141284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 7.5 | 6.6 | 10.0 |
| 68 | 5.9 | 5.1 | 7.7 |



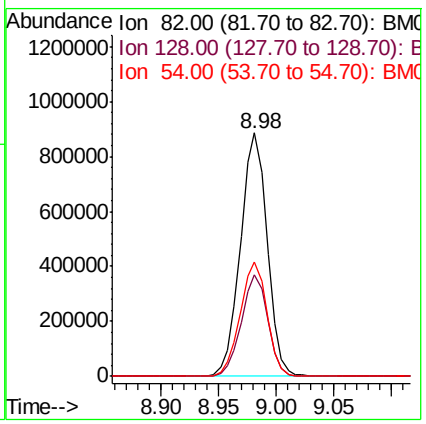


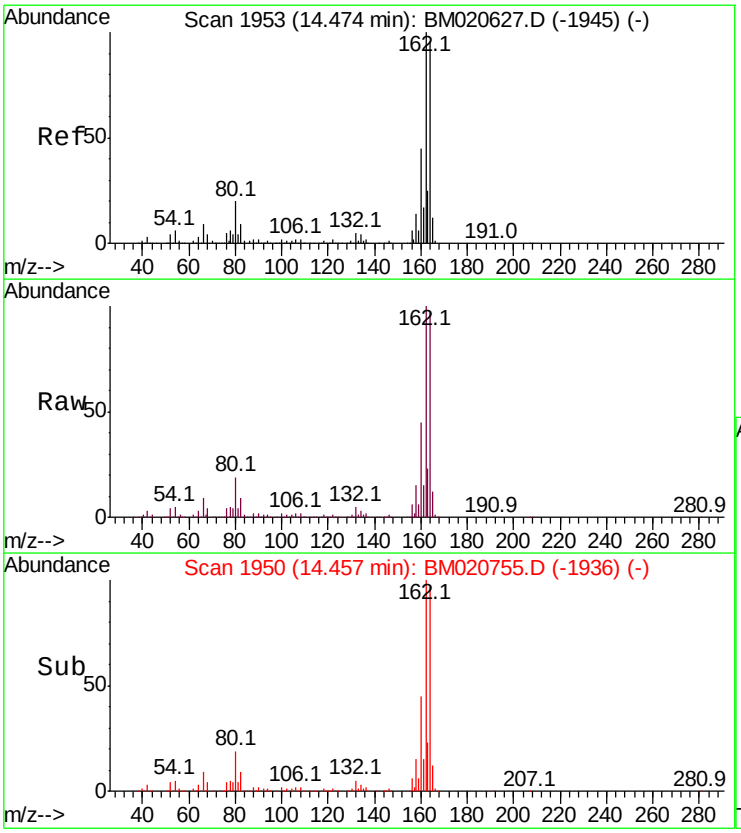

#23
Nitrobenzene-d5
Concen: 64.832 ng
RT: 8.98 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Tgt Ion: 82 Resp: 1428098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.5 | 31.5 | 47.3 |
| 54 | 46.9 | 39.4 | 59.0 |

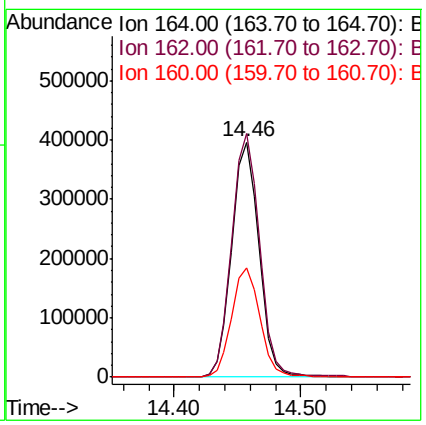


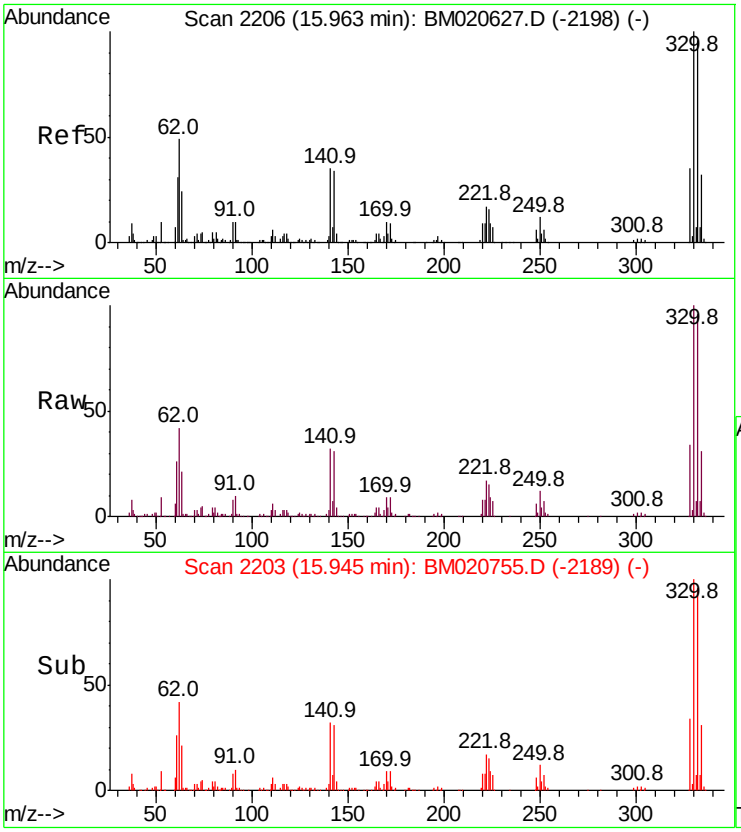




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:164 Resp: 592092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.5 | 83.2 | 124.8 |
| 160 | 46.5 | 37.5 | 56.3 |



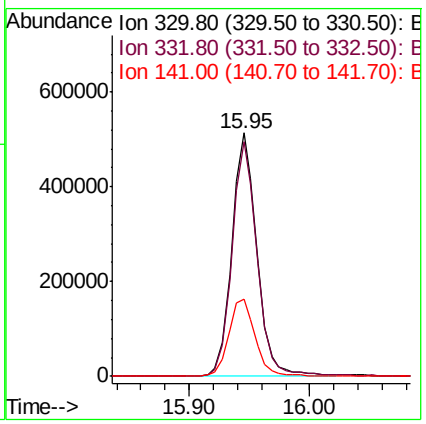


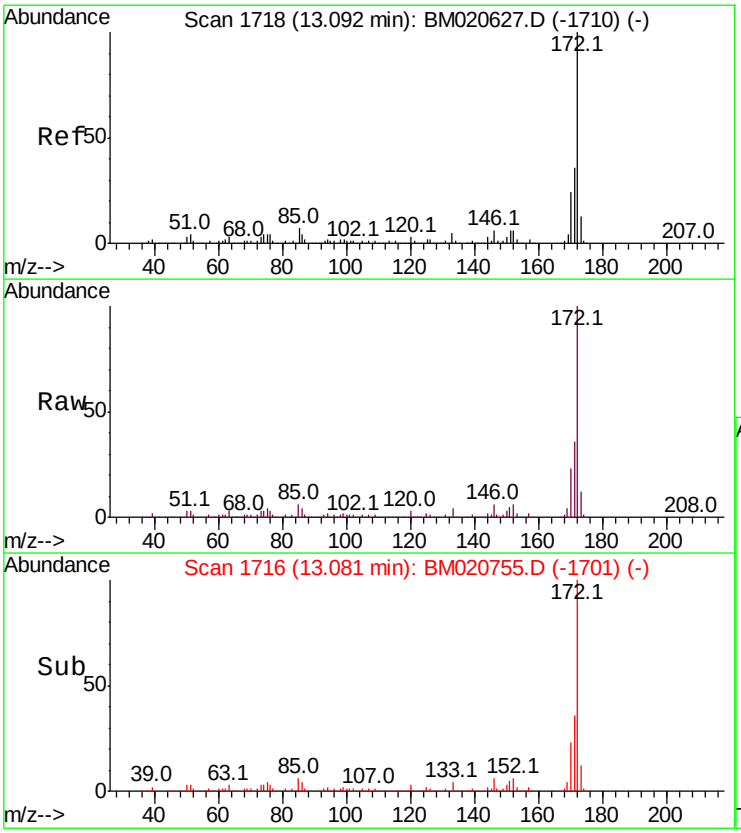

#42
2,4,6-Tribromophenol
Concen: 101.163 ng
RT: 15.95 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Tgt Ion:330 Resp: 742128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.4 | 116.0 |
| 141 | 33.7 | 30.4 | 45.6 |

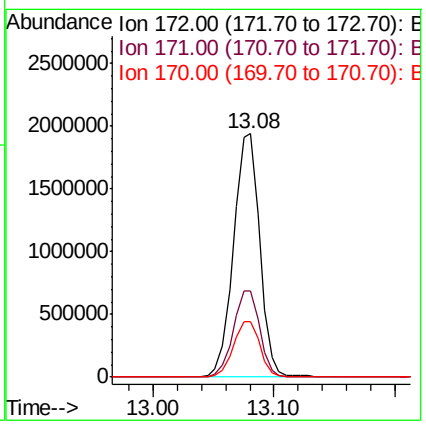


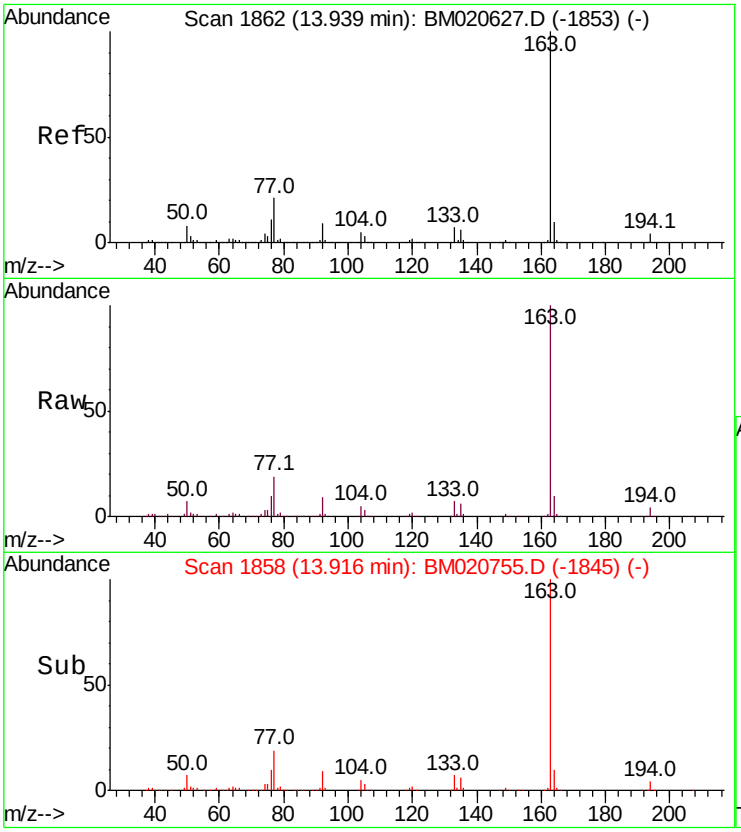




#45
2-Fluorobiphenyl
Concen: 66.109 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:172 Resp: 2944281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.6 | 43.0 |
| 170 | 23.0 | 18.9 | 28.3 |



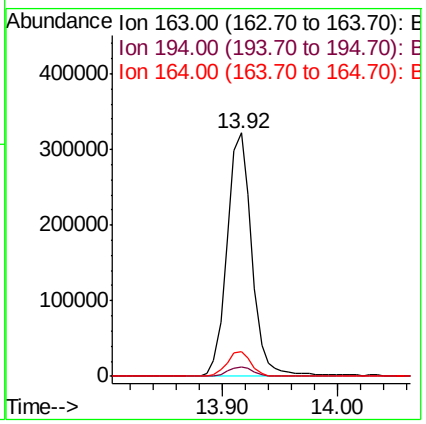


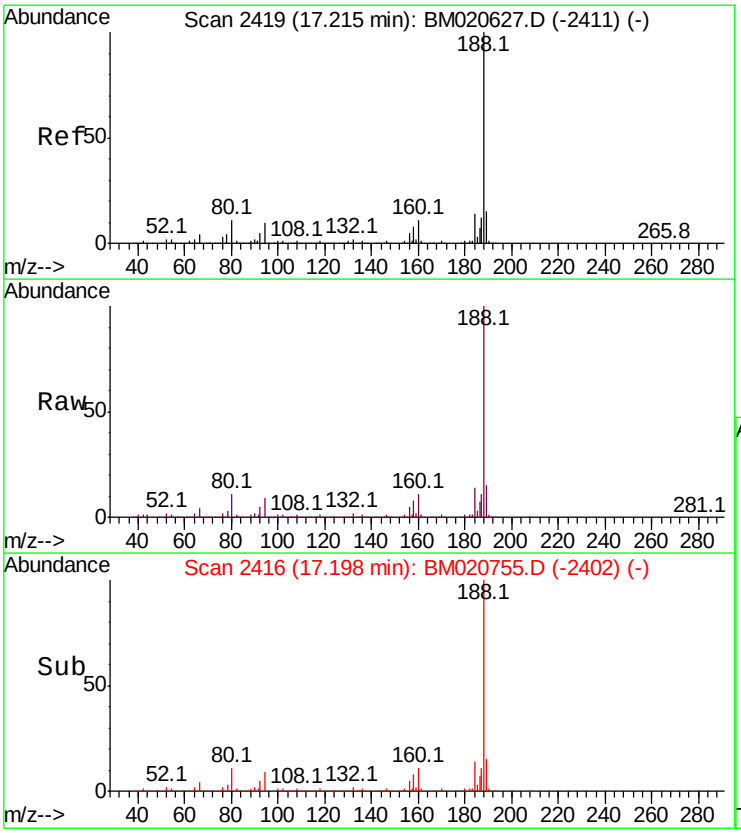

#50
Dimethylphthalate
Concen: 9.478 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Tgt Ion:163 Resp: 479469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.2 | 4.8 |
| 164 | 10.0 | 7.9 | 11.9 |

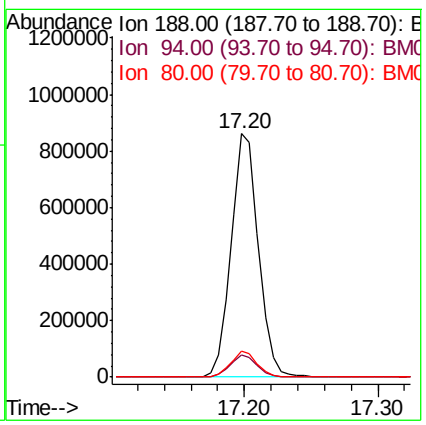


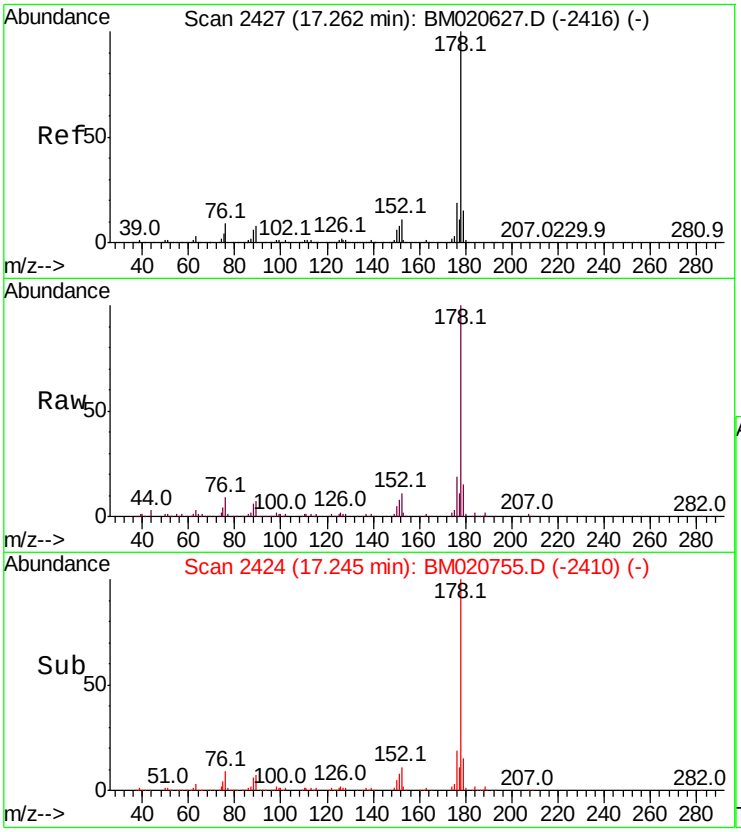




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:188 Resp: 1227975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.2 | 7.8 | 11.8 |
| 80 | 10.5 | 9.0 | 13.6 |



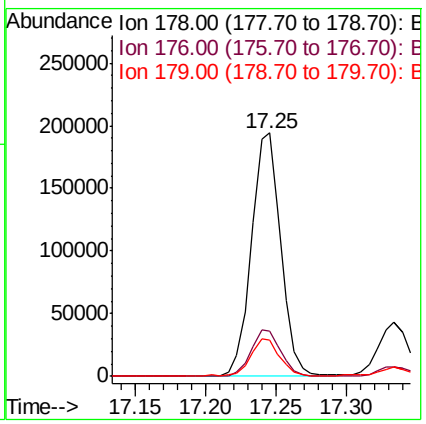


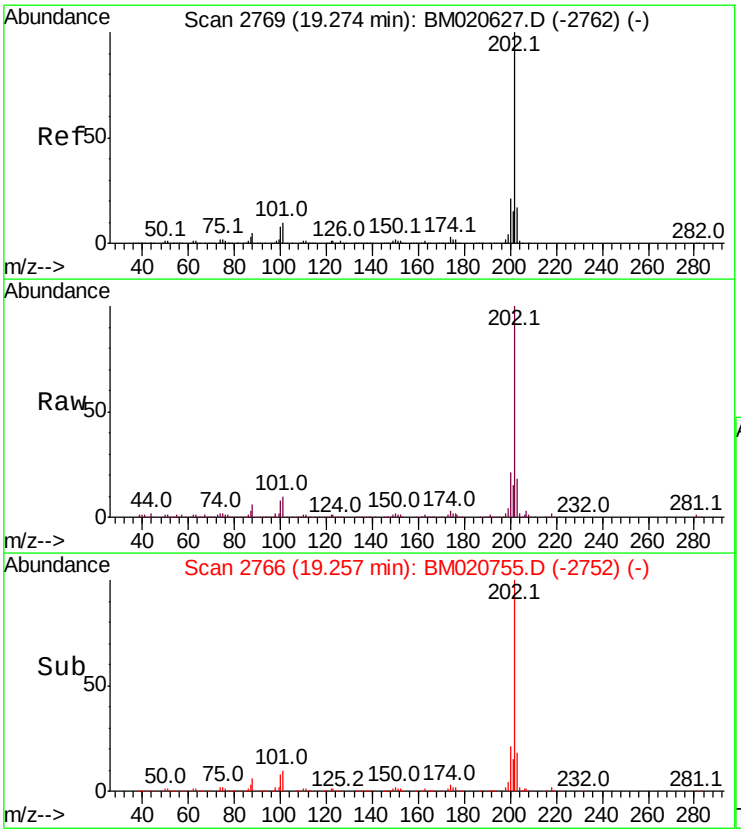

#71
Phenanthrene
Concen: 4.103 ng
RT: 17.25 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Tgt Ion:178 Resp: 285584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.5 | 23.3 |
| 179 | 14.7 | 12.2 | 18.4 |

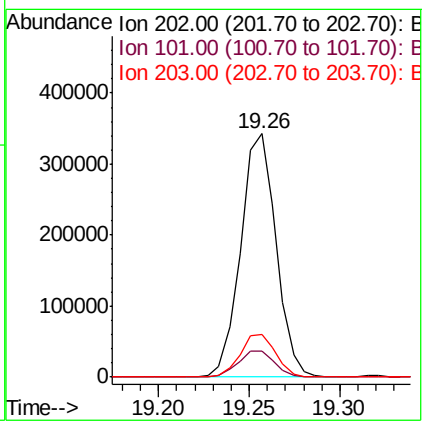


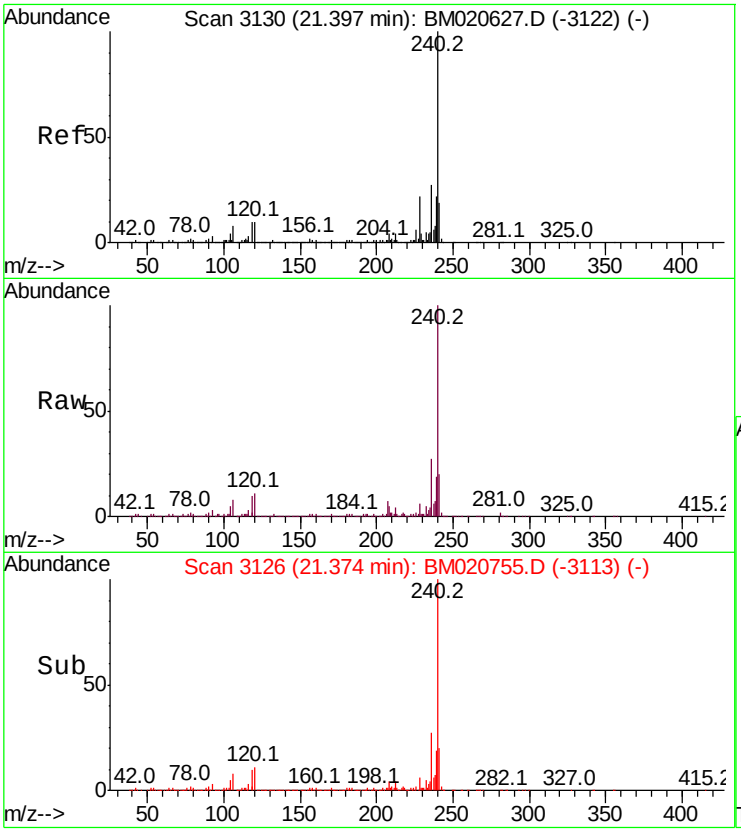




#75
Fluoranthene
Concen: 6.006 ng
RT: 19.26 min Scan# 2766
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:202 Resp: 464934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.5 | 0.0 | 30.4 |
| 203 | 17.6 | 0.0 | 37.3 |



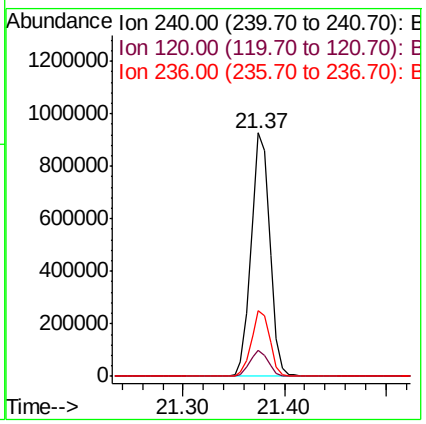


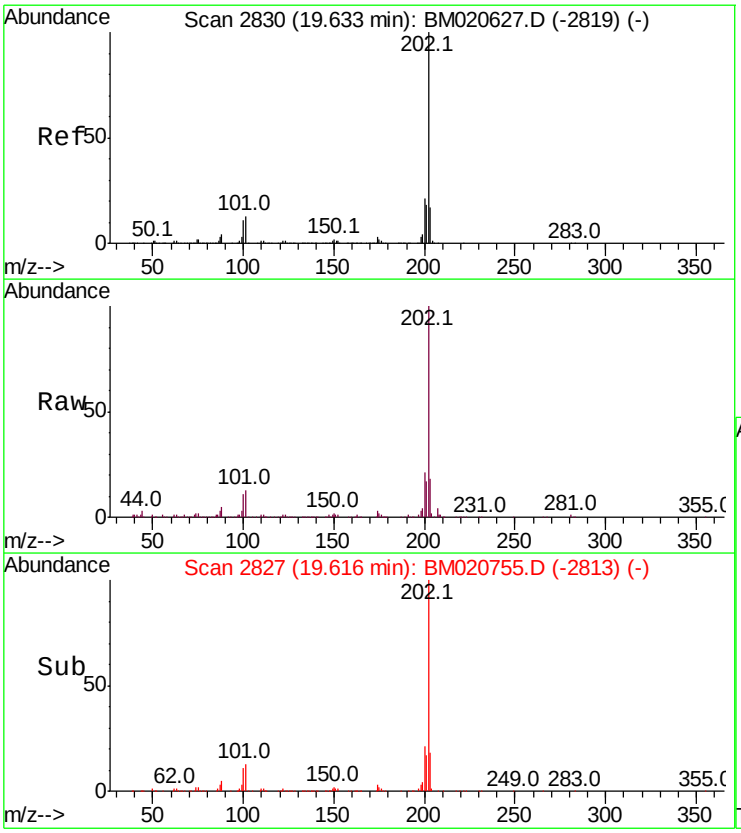

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Tgt Ion:240 Resp: 1185487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 8.2 | 12.2 |
| 236 | 26.9 | 21.2 | 31.8 |

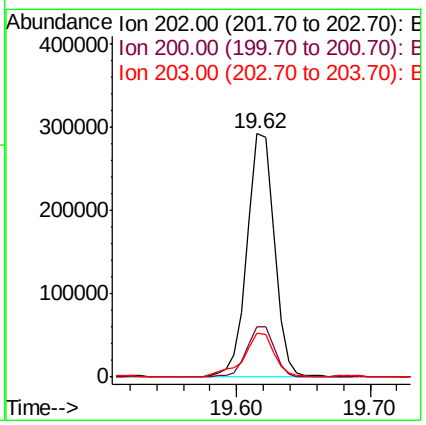


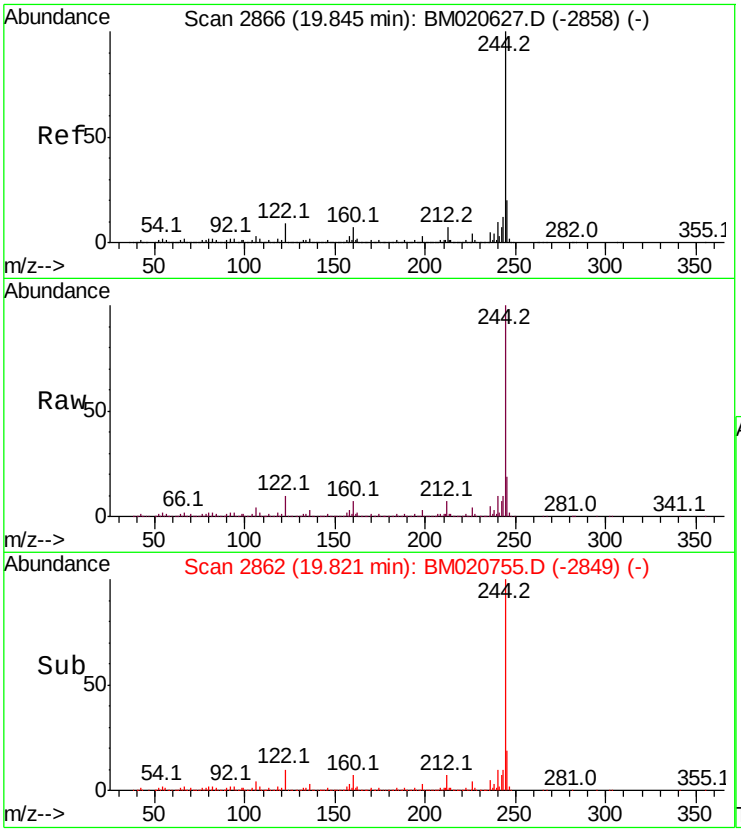




#78
Pyrene
Concen: 4.502 ng
RT: 19.62 min Scan# 2827
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:202 Resp: 409560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.5 | 16.8 | 25.2 |
| 203 | 18.1 | 13.9 | 20.9 |



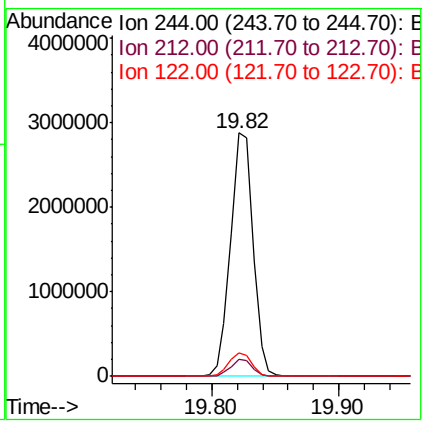


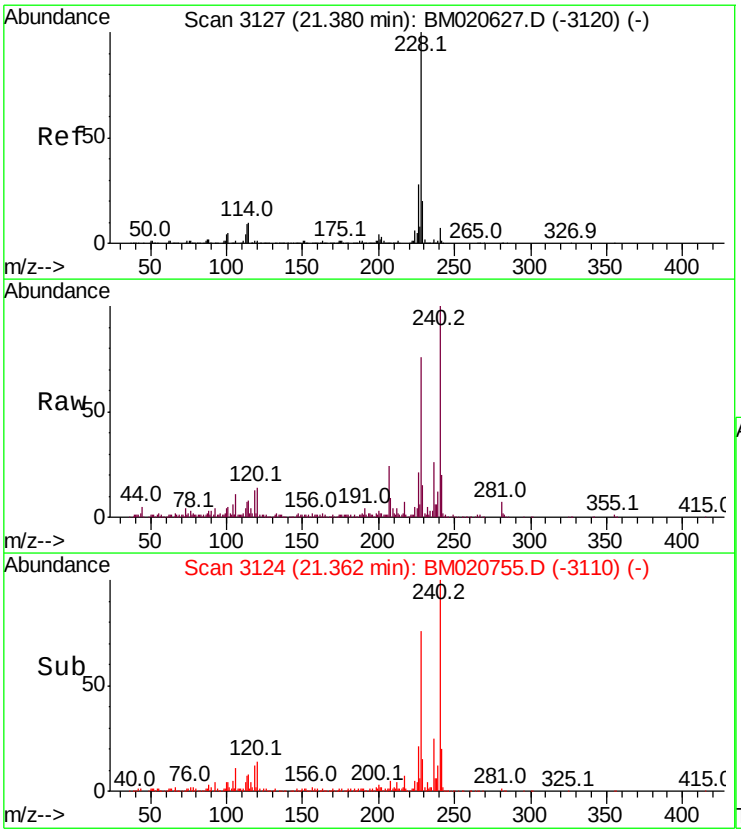

#79
Terphenyl-d14
Concen: 49.588 ng
RT: 19.82 min Scan# 2862
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Tgt Ion:244 Resp: 3514510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.7 | 8.5 |
| 122 | 9.7 | 7.2 | 10.8 |

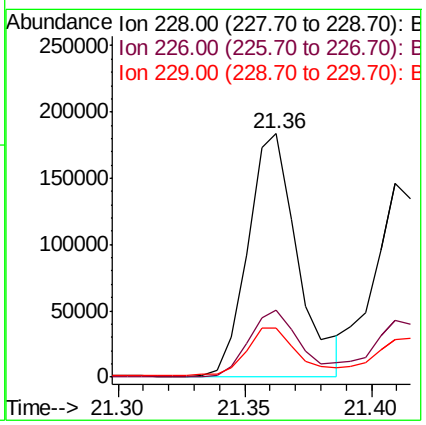


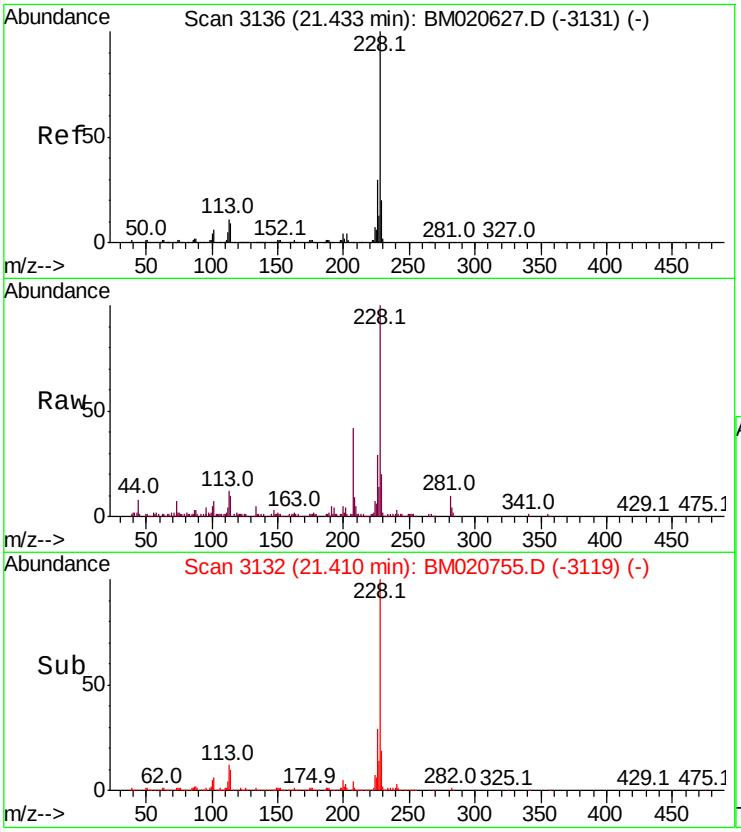




#81
Benzo(a)anthracene
Concen: 3.044 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:228 Resp: 251337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 22.3 | 33.5 |
| 229 | 20.4 | 15.9 | 23.9 |



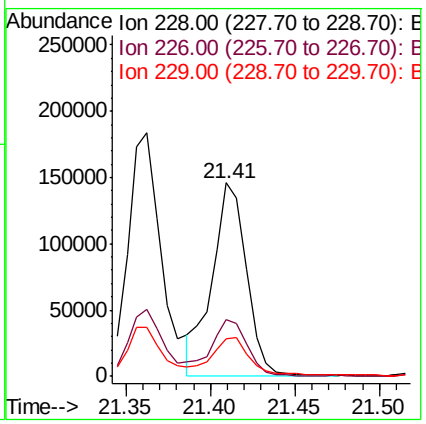


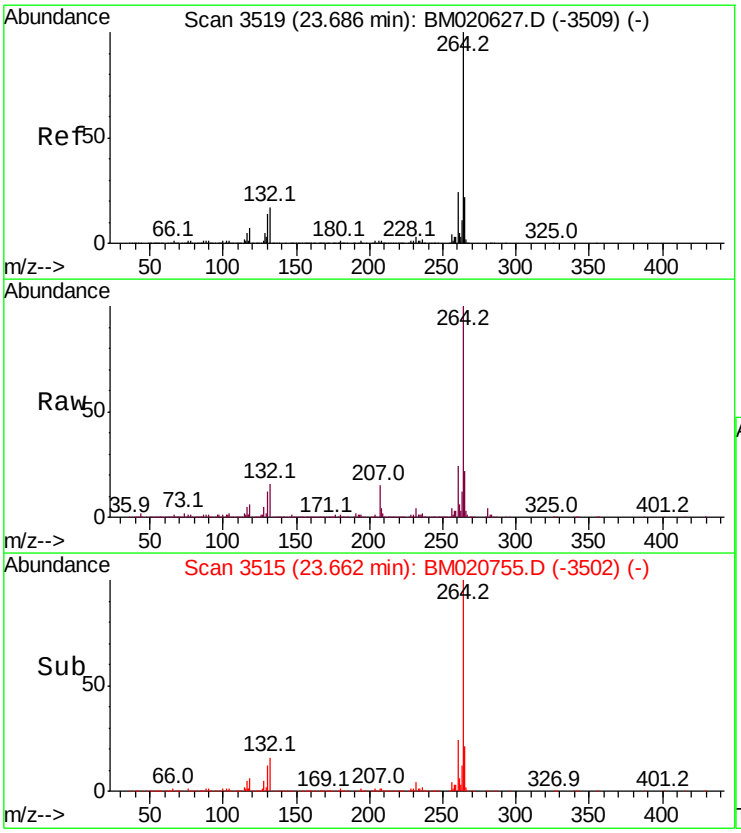

#83
Chrysene
Concen: 2.628 ng
RT: 21.41 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Tgt Ion:228 Resp: 206261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.2 | 24.2 | 36.2 |
| 229 | 19.7 | 15.8 | 23.6 |

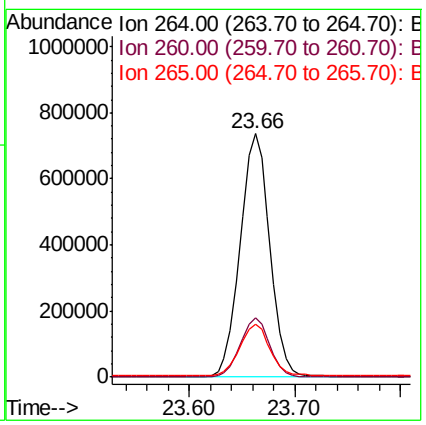


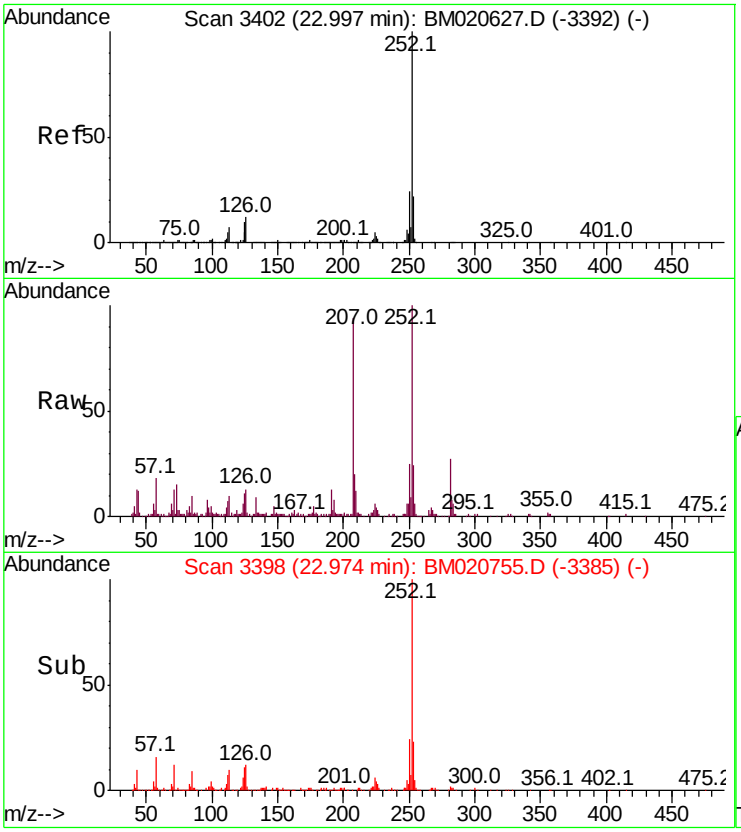




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:264 Resp: 1439562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.2 | 28.8 |
| 265 | 21.9 | 17.6 | 26.4 |



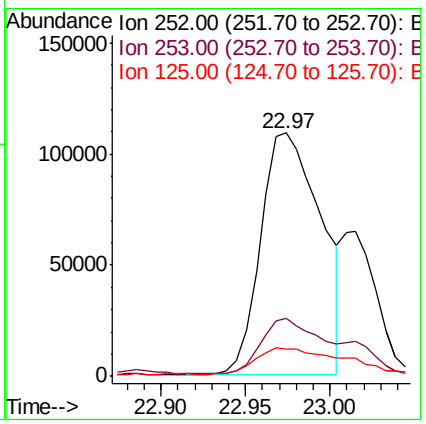


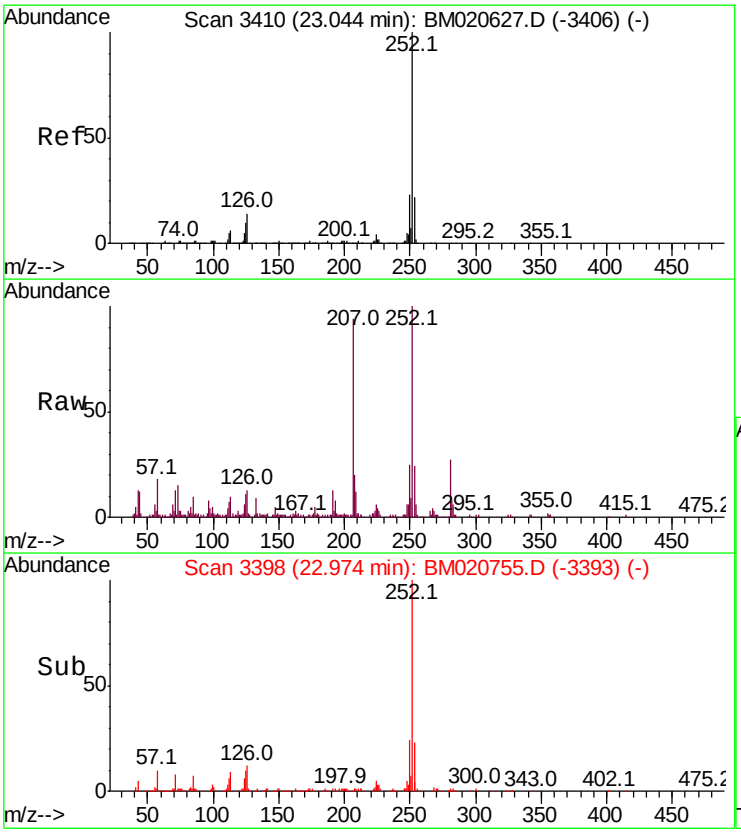

#88
Benzo(b)fluoranthene
Concen: 2.834 ng
RT: 22.97 min Scan# 3398
Delta R.T. -0.02 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Tgt Ion:252 Resp: 269627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 17.4 | 26.2 |
| 125 | 11.4 | 7.8 | 11.8 |

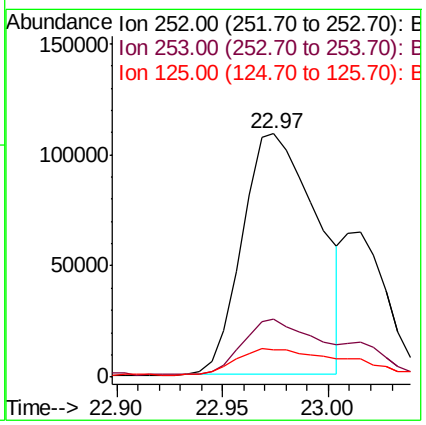


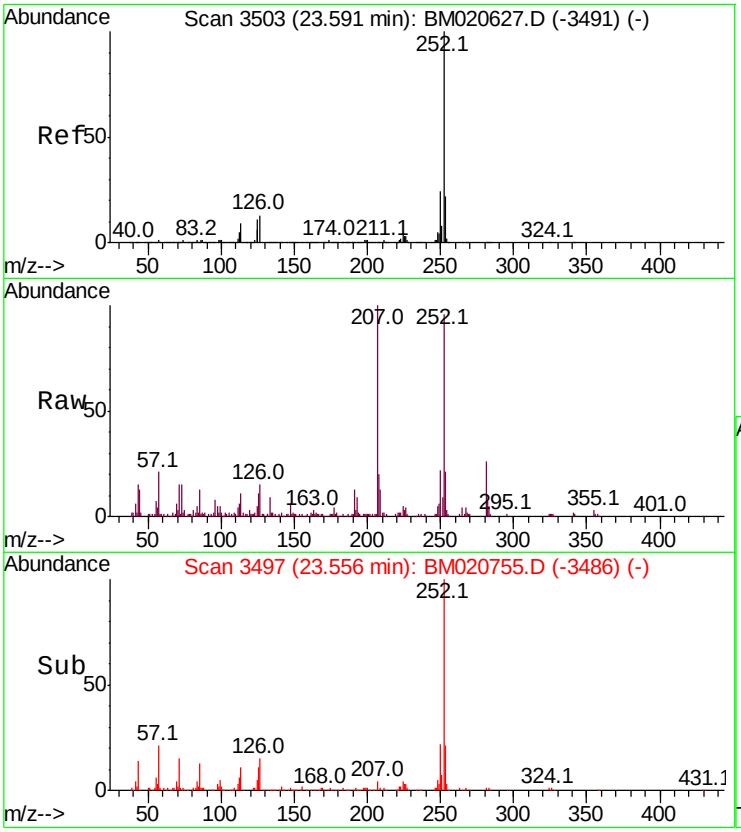




#89
Benzo(k)fluoranthene
Concen: 2.877 ng
RT: 22.97 min Scan# 3398
Delta R.T. -0.07 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

Tgt Ion:252 Resp: 267464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 17.4 | 26.2 |
| 125 | 11.4 | 7.8 | 11.8 |






#90
Benzo(a)pyrene
Concen: 2.224 ng
RT: 23.56 min Scan# 3497
Delta R.T. -0.04 min
Lab File: BM020755.D
Acq: 06 Jun 2019 02:30

**Instrument :**
BNA_M
**ClientSampleId :**
TP-3

Tgt Ion:252 Resp: 191949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.5 | 26.3 |
| 125 | 11.7 | 8.6 | 13.0 |